

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference AA/P205334WO	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/GB2005/000855	International filing date (day/month/year) 07/03/2005	(Earliest) Priority Date (day/month/year) 05/03/2004
Applicant DEPUY INTERNATIONAL LTD		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☒ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 2b

☐ as suggested by the applicant.

☒ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2005/000855

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61B19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 499 488 B1 (HUNTER MARK W ET AL) 31 December 2002 (2002-12-31) cited in the application	1-4, 6-17
Y	column 5, line 14 - line 30 column 6, line 10 - line 20	5, 20-24, 27-32, 47
X	EP 0 146 699 A (GEBRUDER SULZER AKTIENGESELLSCHAFT) 3 July 1985 (1985-07-03)	1-7, 9-14
Y	page 4, line 26 - line 30; figure 3	47
Y	US 2004/030236 A1 (MAZZOCCHI RUDY A ET AL) 12 February 2004 (2004-02-12) paragraphs '0040!', '0044!' - '0049!'; figures 7-11	20-24, 27-32
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

26 May 2005

Date of mailing of the international search report

03/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Mayer-Martenson, E

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2005/000855

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 878 915 A (BRANTIGAN ET AL) 7 November 1989 (1989-11-07) column 6, line 46 - column 7, line 5 -----	5
A	US 2003/120150 A1 (GOVARI ASSAF) 26 June 2003 (2003-06-26) paragraph '0131! -----	1
A	US 2003/023161 A1 (GOVARI ASSAF ET AL) 30 January 2003 (2003-01-30) paragraph '0057! -----	48, 49

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2005/000855

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 33-46
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2005/000855

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6499488	B1	31-12-2002	AU 1353301 A 08-05-2001
		DE 10085137 T0 07-11-2002	
		EP 1257223 A1 20-11-2002	
		WO 0130257 A1 03-05-2001	
		US 2003066538 A1 10-04-2003	
EP 0146699	A	03-07-1985	CH 661199 A5 15-07-1987
		EP 0146699 A1 03-07-1985	
US 2004030236	A1	12-02-2004	US 2004019265 A1 29-01-2004
		US 2004167393 A1 26-08-2004	
		US 2004030237 A1 12-02-2004	
		US 2004167391 A1 26-08-2004	
		WO 2004075768 A2 10-09-2004	
US 4878915	A	07-11-1989	US 4743256 A 10-05-1988
		US 4834757 A 30-05-1989	
		AT 83639 T 15-01-1993	
		CA 1292596 C 03-12-1991	
		DE 3876909 D1 04-02-1993	
		DE 3876909 T2 29-04-1993	
		EP 0307241 A2 15-03-1989	
US 2003120150	A1	26-06-2003	CA 2414914 A1 21-06-2003
		EP 1321097 A2 25-06-2003	
		JP 2003299634 A 21-10-2003	
US 2003023161	A1	30-01-2003	US 2002107445 A1 08-08-2002
		AU 2003204656 A1 15-01-2004	
		CA 2432628 A1 17-12-2003	
		EP 1374791 A1 02-01-2004	
		JP 2004154548 A 03-06-2004	
		CA 2414916 A1 21-06-2003	
		EP 1325708 A2 09-07-2003	
		JP 2003225226 A 12-08-2003	
		US 2003018246 A1 23-01-2003	
		US 2003004411 A1 02-01-2003	
		AU 771891 B2 08-04-2004	
		AU 2083000 A 14-09-2000	
		CA 2300332 A1 11-09-2000	
		DE 60014214 D1 04-11-2004	
		EP 1034738 A1 13-09-2000	
		IL 134684 A 25-07-2004	
		JP 2000288094 A 17-10-2000	